

j1132 U.S. PTO  
02/27/02

# UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 C.F.R. 1.53(b))

Attorney Docket No. 29273/559

Inventor IWABUCHI, Yuko

Title METHOD AND APPARATUS OF AN INSPECTION SYSTEM USING AN ELECTRON BEAM

Express Mail Label No.

APPLICATION ELEMENTS	
See MPEP chapter 600 concerning utility patent application contents.	
1. <input checked="" type="checkbox"/> Fee Transmittal Form (e.g., PTO/SB/17) (Submit an original and a duplicate for fee processing)	7. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
2. <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27.	8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
3. <input checked="" type="checkbox"/> Specification [Total Pages 41] (preferred arrangement set forth below) - Descriptive title of the Invention - Cross Reference to Related Applications - Statement Regarding Fed sponsored R & D - Reference to sequence listing, a table, or a computer program listing appendix - Background of the Invention - Brief Summary of the Invention - Brief Description of the Drawings (if filed) - Detailed Description - Claim(s) - Abstract of the Disclosure	a. <input type="checkbox"/> Computer Readable Form (CRF) b. Specification Sequence Listing on: i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or ii. <input type="checkbox"/> paper c. <input type="checkbox"/> Statements verifying identity of above copies
4. <input checked="" type="checkbox"/> Drawing(s) (35 U.S.C. 113) [Total Sheets 10] 5. Oath or Declaration [Total Pages 3]	9. <input type="checkbox"/> Assignment Papers (cover sheet & document(s)) 10. <input type="checkbox"/> 37 C.F.R. §3.73(b) Statement <input type="checkbox"/> Power of (when there is an assignee) Attorney
a. <input type="checkbox"/> Newly executed (original or copy) b. <input checked="" type="checkbox"/> Copy from a prior application (37 CFR 1.63 (d)) (for a continuation/divisional with Box 18 completed) i. <input type="checkbox"/> <u>DELETION OF INVENTOR(S)</u> Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).	11. <input type="checkbox"/> English Translation Document (if applicable) 12. <input checked="" type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449 <input type="checkbox"/> Copies of IDS Citations
6. <input type="checkbox"/> Application Data Sheet. See 37 CFR 1.76	13. <input type="checkbox"/> Preliminary Amendment 14. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) (Should be specifically itemized) 15. <input type="checkbox"/> Certified Copy of Priority Document(s) (if foreign priority is claimed) 16. <input type="checkbox"/> Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent. 17. <input type="checkbox"/> Other:

ADDRESS TO: Assistant Commissioner for Patents  
Box Patent Application  
Washington, DC 2023111050 U.S. PTO  
02/27/02

## ACCOMPANYING APPLICATIONS PARTS

9. <input type="checkbox"/> Assignment Papers (cover sheet & document(s))	10. <input type="checkbox"/> 37 C.F.R. §3.73(b) Statement <input type="checkbox"/> Power of (when there is an assignee) Attorney
11. <input type="checkbox"/> English Translation Document (if applicable)	12. <input checked="" type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449 <input type="checkbox"/> Copies of IDS Citations
13. <input type="checkbox"/> Preliminary Amendment	14. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) (Should be specifically itemized)
15. <input type="checkbox"/> Certified Copy of Priority Document(s) (if foreign priority is claimed)	16. <input type="checkbox"/> Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.
17. <input type="checkbox"/> Other:	

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

 Continuation  Divisional  Continuation-in-part (CIP)

of prior application No: 09 / 883,184

Prior application information: Examiner Jack I. Berman

Group / Art Unit: 2881

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

## 17. CORRESPONDENCE ADDRESS

<input checked="" type="checkbox"/> Customer Number or Bar Code Label		23838	<input type="checkbox"/> or <input type="checkbox"/> Correspondence address below <i>BEST AVAILABLE COPY</i>
(Insert Customer No. or Attach bar code label here)			
Name			
Address			
City	State	Zip Code	
Country	Telephone	Fax	

Name (Print/Type)	John C. Altmiller	Registration No. (Attorney/Agent)	25,951
Signature	<i>John C. Altmiller</i>		Date
		February 27, 2002	

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO:** Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231. 397874v1

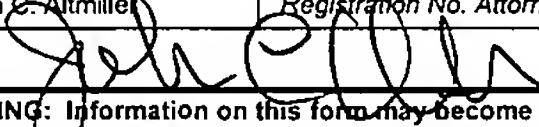
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

# FEE TRANSMITTAL for FY 2000

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT		(\$)	740	Attorney Docket No.	29273/559
-------------------------	--	------	-----	---------------------	-----------

METHOD OF PAYMENT (check one)					FEE CALCULATION (continued)																																																																																																																																																																																														
<p>1. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:</p> <p>Deposit Account Number <input type="text" value="11-0600"/></p> <p>Deposit Account Name <input type="text" value="Kenyon &amp; Kenyon"/></p> <p><input checked="" type="checkbox"/> Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17</p> <p><input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27</p>					<p>3. ADDITIONAL FEES</p> <table border="1"> <thead> <tr> <th>Large Entity Fee Code</th> <th>Fee (\$)</th> <th>Small Entity Fee Code</th> <th>Fee (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>105</td><td>130</td><td>205</td><td>65</td><td>Surcharge - late filing fee or oath</td><td><input type="text"/></td></tr> <tr><td>127</td><td>50</td><td>227</td><td>25</td><td>Surcharge - late provisional filing fee or cover sheet</td><td><input type="text"/></td></tr> <tr><td>139</td><td>130</td><td>139</td><td>130</td><td>Non-English specification</td><td><input type="text"/></td></tr> <tr><td>147</td><td>2,520</td><td>147</td><td>2,520</td><td>For filing a request for reexamination</td><td><input type="text"/></td></tr> <tr><td>112</td><td>920*</td><td>112</td><td>920*</td><td>Requesting publication of SIR prior to Examiner action</td><td><input type="text"/></td></tr> <tr><td>113</td><td>1,840*</td><td>113</td><td>1,840*</td><td>Requesting publication of SIR after Examiner action</td><td><input type="text"/></td></tr> <tr><td>115</td><td>110</td><td>215</td><td>55</td><td>Extension for reply within first month</td><td><input type="text"/></td></tr> <tr><td>116</td><td>380</td><td>216</td><td>190</td><td>Extension for reply within second month</td><td><input type="text"/></td></tr> <tr><td>117</td><td>870</td><td>217</td><td>435</td><td>Extension for reply within third month</td><td><input type="text"/></td></tr> <tr><td>118</td><td>1,360</td><td>218</td><td>680</td><td>Extension for reply within fourth month</td><td><input type="text"/></td></tr> <tr><td>128</td><td>1,850</td><td>228</td><td>925</td><td>Extension for reply within fifth month</td><td><input type="text"/></td></tr> <tr><td>119</td><td>300</td><td>219</td><td>150</td><td>Notice of Appeal</td><td><input type="text"/></td></tr> <tr><td>120</td><td>300</td><td>220</td><td>150</td><td>Filing a brief in support of an appeal</td><td><input type="text"/></td></tr> <tr><td>121</td><td>260</td><td>221</td><td>130</td><td>Request for oral hearing</td><td><input type="text"/></td></tr> <tr><td>138</td><td>1,510</td><td>138</td><td>1,510</td><td>Petition to institute a public use proceeding</td><td><input type="text"/></td></tr> <tr><td>140</td><td>110</td><td>240</td><td>55</td><td>Petition to revive – unavoidable</td><td><input type="text"/></td></tr> <tr><td>141</td><td>1,210</td><td>241</td><td>605</td><td>Petition to revive – unintentional</td><td><input type="text"/></td></tr> <tr><td>142</td><td>1,210</td><td>242</td><td>605</td><td>Utility issue fee (or reissue)</td><td><input type="text"/></td></tr> <tr><td>143</td><td>430</td><td>243</td><td>215</td><td>Design issue fee</td><td><input type="text"/></td></tr> <tr><td>144</td><td>580</td><td>244</td><td>290</td><td>Plant issue fee</td><td><input type="text"/></td></tr> <tr><td>122</td><td>130</td><td>122</td><td>130</td><td>Petitions to the Commissioner</td><td><input type="text"/></td></tr> <tr><td>123</td><td>50</td><td>123</td><td>50</td><td>Petitions related to provisional applications</td><td><input type="text"/></td></tr> <tr><td>126</td><td>240</td><td>126</td><td>240</td><td>Submission of Information Disclosure Stmt</td><td><input type="text"/></td></tr> <tr><td>581</td><td>40</td><td>581</td><td>40</td><td>Recording each patent assignment per property (times number of properties)</td><td><input type="text"/></td></tr> <tr><td>146</td><td>690</td><td>246</td><td>345</td><td>Filing a submission after final rejection (37 CFR § 1.129(a))</td><td><input type="text"/></td></tr> <tr><td>149</td><td>690</td><td>249</td><td>345</td><td>For each additional invention to be examined (37 CFR § 1.129(b))</td><td><input type="text"/></td></tr> <tr><td>179</td><td>690</td><td>279</td><td>345</td><td>Request for Continued Examination (RCE)</td><td><input type="text"/></td></tr> <tr><td>169</td><td>900</td><td>169</td><td>900</td><td>Request for expedited examination of a design application</td><td><input type="text"/></td></tr> <tr> <td colspan="5">Other fee (specify)</td> <td><input type="text"/></td> </tr> <tr> <td colspan="5">*Reduced by Basic Filing Fee Paid</td> <td>SUBTOTAL (3) <input type="text" value="(\$ 0)"/></td> </tr> </tbody> </table>					Large Entity Fee Code	Fee (\$)	Small Entity Fee Code	Fee (\$)	Fee Description	Fee Paid	105	130	205	65	Surcharge - late filing fee or oath	<input type="text"/>	127	50	227	25	Surcharge - late provisional filing fee or cover sheet	<input type="text"/>	139	130	139	130	Non-English specification	<input type="text"/>	147	2,520	147	2,520	For filing a request for reexamination	<input type="text"/>	112	920*	112	920*	Requesting publication of SIR prior to Examiner action	<input type="text"/>	113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	<input type="text"/>	115	110	215	55	Extension for reply within first month	<input type="text"/>	116	380	216	190	Extension for reply within second month	<input type="text"/>	117	870	217	435	Extension for reply within third month	<input type="text"/>	118	1,360	218	680	Extension for reply within fourth month	<input type="text"/>	128	1,850	228	925	Extension for reply within fifth month	<input type="text"/>	119	300	219	150	Notice of Appeal	<input type="text"/>	120	300	220	150	Filing a brief in support of an appeal	<input type="text"/>	121	260	221	130	Request for oral hearing	<input type="text"/>	138	1,510	138	1,510	Petition to institute a public use proceeding	<input type="text"/>	140	110	240	55	Petition to revive – unavoidable	<input type="text"/>	141	1,210	241	605	Petition to revive – unintentional	<input type="text"/>	142	1,210	242	605	Utility issue fee (or reissue)	<input type="text"/>	143	430	243	215	Design issue fee	<input type="text"/>	144	580	244	290	Plant issue fee	<input type="text"/>	122	130	122	130	Petitions to the Commissioner	<input type="text"/>	123	50	123	50	Petitions related to provisional applications	<input type="text"/>	126	240	126	240	Submission of Information Disclosure Stmt	<input type="text"/>	581	40	581	40	Recording each patent assignment per property (times number of properties)	<input type="text"/>	146	690	246	345	Filing a submission after final rejection (37 CFR § 1.129(a))	<input type="text"/>	149	690	249	345	For each additional invention to be examined (37 CFR § 1.129(b))	<input type="text"/>	179	690	279	345	Request for Continued Examination (RCE)	<input type="text"/>	169	900	169	900	Request for expedited examination of a design application	<input type="text"/>	Other fee (specify)					<input type="text"/>	*Reduced by Basic Filing Fee Paid					SUBTOTAL (3) <input type="text" value="(\$ 0)"/>
Large Entity Fee Code	Fee (\$)	Small Entity Fee Code	Fee (\$)	Fee Description	Fee Paid																																																																																																																																																																																														
105	130	205	65	Surcharge - late filing fee or oath	<input type="text"/>																																																																																																																																																																																														
127	50	227	25	Surcharge - late provisional filing fee or cover sheet	<input type="text"/>																																																																																																																																																																																														
139	130	139	130	Non-English specification	<input type="text"/>																																																																																																																																																																																														
147	2,520	147	2,520	For filing a request for reexamination	<input type="text"/>																																																																																																																																																																																														
112	920*	112	920*	Requesting publication of SIR prior to Examiner action	<input type="text"/>																																																																																																																																																																																														
113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	<input type="text"/>																																																																																																																																																																																														
115	110	215	55	Extension for reply within first month	<input type="text"/>																																																																																																																																																																																														
116	380	216	190	Extension for reply within second month	<input type="text"/>																																																																																																																																																																																														
117	870	217	435	Extension for reply within third month	<input type="text"/>																																																																																																																																																																																														
118	1,360	218	680	Extension for reply within fourth month	<input type="text"/>																																																																																																																																																																																														
128	1,850	228	925	Extension for reply within fifth month	<input type="text"/>																																																																																																																																																																																														
119	300	219	150	Notice of Appeal	<input type="text"/>																																																																																																																																																																																														
120	300	220	150	Filing a brief in support of an appeal	<input type="text"/>																																																																																																																																																																																														
121	260	221	130	Request for oral hearing	<input type="text"/>																																																																																																																																																																																														
138	1,510	138	1,510	Petition to institute a public use proceeding	<input type="text"/>																																																																																																																																																																																														
140	110	240	55	Petition to revive – unavoidable	<input type="text"/>																																																																																																																																																																																														
141	1,210	241	605	Petition to revive – unintentional	<input type="text"/>																																																																																																																																																																																														
142	1,210	242	605	Utility issue fee (or reissue)	<input type="text"/>																																																																																																																																																																																														
143	430	243	215	Design issue fee	<input type="text"/>																																																																																																																																																																																														
144	580	244	290	Plant issue fee	<input type="text"/>																																																																																																																																																																																														
122	130	122	130	Petitions to the Commissioner	<input type="text"/>																																																																																																																																																																																														
123	50	123	50	Petitions related to provisional applications	<input type="text"/>																																																																																																																																																																																														
126	240	126	240	Submission of Information Disclosure Stmt	<input type="text"/>																																																																																																																																																																																														
581	40	581	40	Recording each patent assignment per property (times number of properties)	<input type="text"/>																																																																																																																																																																																														
146	690	246	345	Filing a submission after final rejection (37 CFR § 1.129(a))	<input type="text"/>																																																																																																																																																																																														
149	690	249	345	For each additional invention to be examined (37 CFR § 1.129(b))	<input type="text"/>																																																																																																																																																																																														
179	690	279	345	Request for Continued Examination (RCE)	<input type="text"/>																																																																																																																																																																																														
169	900	169	900	Request for expedited examination of a design application	<input type="text"/>																																																																																																																																																																																														
Other fee (specify)					<input type="text"/>																																																																																																																																																																																														
*Reduced by Basic Filing Fee Paid					SUBTOTAL (3) <input type="text" value="(\$ 0)"/>																																																																																																																																																																																														
<p>2. <input type="checkbox"/> Payment Enclosed:</p> <p><input type="checkbox"/> Check <input type="checkbox"/> Credit card <input type="checkbox"/> Money Order <input type="checkbox"/> Other</p>					<p>FEE CALCULATION</p> <p>1. BASIC FILING FEE</p> <table border="1"> <thead> <tr> <th>Large Entity Fee Code</th> <th>Fee (\$)</th> <th>Small Entity Fee Code</th> <th>Fee (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>101</td><td>690</td><td>201</td><td>345</td><td>Utility filing fee</td><td><input type="text" value="740"/></td></tr> <tr><td>106</td><td>310</td><td>206</td><td>155</td><td>Design filing fee</td><td><input type="text"/></td></tr> <tr><td>107</td><td>480</td><td>207</td><td>240</td><td>Plant filing fee</td><td><input type="text"/></td></tr> <tr><td>108</td><td>690</td><td>208</td><td>345</td><td>Reissue filing fee</td><td><input type="text"/></td></tr> <tr><td>114</td><td>150</td><td>214</td><td>75</td><td>Provisional filing fee</td><td><input type="text"/></td></tr> </tbody> </table> <p>SUBTOTAL (1) <input type="text" value="(\$ 740)"/></p> <p>2. EXTRA CLAIM FEES</p> <table border="1"> <thead> <tr> <th>Total Claims</th> <th>Extra Claims</th> <th>Fee from below</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>16</td><td>-20**</td><td>= 0</td><td>X <input type="text"/> = 0</td></tr> <tr><td>2</td><td>-3**</td><td>= 0</td><td>X <input type="text"/> = 0</td></tr> <tr><td colspan="4">Multiple Dependent <input type="text"/> X <input type="text"/> = <input type="text"/></td></tr> </tbody> </table> <p>**or number previously paid, if greater; For Reissues, see below</p> <p>Large Entity Small Entity</p> <table border="1"> <thead> <tr> <th>Fee Code</th> <th>Fee (\$)</th> <th>Fee Code</th> <th>Fee (\$)</th> <th>Fee Description</th> </tr> </thead> <tbody> <tr><td>103</td><td>18</td><td>203</td><td>9</td><td>Claims in excess of 20</td></tr> <tr><td>102</td><td>78</td><td>202</td><td>39</td><td>Independent claims in excess of 3</td></tr> <tr><td>104</td><td>260</td><td>204</td><td>130</td><td>Multiple dependent claim, if not paid</td></tr> <tr><td>109</td><td>78</td><td>209</td><td>39</td><td>** Reissue independent claims over original patent</td></tr> <tr><td>110</td><td>18</td><td>210</td><td>9</td><td>** Reissue claims in excess of 20 and over original patent</td></tr> </tbody> </table> <p>SUBTOTAL (2) <input type="text" value="(\$ 0)"/></p>					Large Entity Fee Code	Fee (\$)	Small Entity Fee Code	Fee (\$)	Fee Description	Fee Paid	101	690	201	345	Utility filing fee	<input type="text" value="740"/>	106	310	206	155	Design filing fee	<input type="text"/>	107	480	207	240	Plant filing fee	<input type="text"/>	108	690	208	345	Reissue filing fee	<input type="text"/>	114	150	214	75	Provisional filing fee	<input type="text"/>	Total Claims	Extra Claims	Fee from below	Fee Paid	16	-20**	= 0	X <input type="text"/> = 0	2	-3**	= 0	X <input type="text"/> = 0	Multiple Dependent <input type="text"/> X <input type="text"/> = <input type="text"/>				Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	103	18	203	9	Claims in excess of 20	102	78	202	39	Independent claims in excess of 3	104	260	204	130	Multiple dependent claim, if not paid	109	78	209	39	** Reissue independent claims over original patent	110	18	210	9	** Reissue claims in excess of 20 and over original patent																																																																																																								
Large Entity Fee Code	Fee (\$)	Small Entity Fee Code	Fee (\$)	Fee Description	Fee Paid																																																																																																																																																																																														
101	690	201	345	Utility filing fee	<input type="text" value="740"/>																																																																																																																																																																																														
106	310	206	155	Design filing fee	<input type="text"/>																																																																																																																																																																																														
107	480	207	240	Plant filing fee	<input type="text"/>																																																																																																																																																																																														
108	690	208	345	Reissue filing fee	<input type="text"/>																																																																																																																																																																																														
114	150	214	75	Provisional filing fee	<input type="text"/>																																																																																																																																																																																														
Total Claims	Extra Claims	Fee from below	Fee Paid																																																																																																																																																																																																
16	-20**	= 0	X <input type="text"/> = 0																																																																																																																																																																																																
2	-3**	= 0	X <input type="text"/> = 0																																																																																																																																																																																																
Multiple Dependent <input type="text"/> X <input type="text"/> = <input type="text"/>																																																																																																																																																																																																			
Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description																																																																																																																																																																																															
103	18	203	9	Claims in excess of 20																																																																																																																																																																																															
102	78	202	39	Independent claims in excess of 3																																																																																																																																																																																															
104	260	204	130	Multiple dependent claim, if not paid																																																																																																																																																																																															
109	78	209	39	** Reissue independent claims over original patent																																																																																																																																																																																															
110	18	210	9	** Reissue claims in excess of 20 and over original patent																																																																																																																																																																																															

SUBMITTED BY		Complete (if applicable)			
Name (Print/Type)	John O. Altmaier	Registration No. Attorney/Agent)	25,951	Telephone	(202) 220-4200
Signature				Date	February 27, 2002

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.